

FISH & RICHARDSON P.C.

Commissioner for Patents  
July 22, 2003  
Page 2

The fees calculated below are based upon the Preliminary Amendment being filed herewith.

Basic filing fee	\$375
Total claims in excess of 20 times \$9	\$0
Independent claims in excess of 3 times \$42	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$375

Under 37 CFR §1.53(f), no filing fee is being paid at this time.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

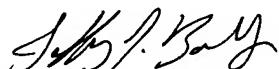
Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

26161

PTO Customer Number

Respectfully submitted,



Jeffrey J. Barclay

Reg. No. 48,950

Enclosures

JXB/dxm

20696115.doc

16638 U.S. PTO  
07/22/03

# FISH & RICHARDSON P.C.

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July 22, 2003

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Attorney Docket No.: 07508-046002

## Mail Stop Patent Application

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

21910 U.S. PTO  
07/22/03  
21910 U.S. PTO  
07/22/03

Presented for filing is a new continuation patent application of:

FR

BOSTON  
DALLAS  
DELAWARE  
NEW YORK  
SAN DIEGO  
SILICON VALLEY  
TWIN CITIES  
WASHINGTON, DC

Applicant: STEFAN R. KIRSCH, HANS R. SCHILD AND CHRISTIAN SCHILLING

Title: A GAIN FACTOR AND POSITION DETERMINATION SYSTEM

The prior application is assigned of record to Northern Digital, a Waterloo, Ontario, Canada corporation, by virtue of an assignment submitted to the Patent and Trademark Office and recorded on August 27, 2002 at 013224/0877.

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	22
Claims	9
Abstract	1
Declaration	2
Drawing(s)	8

### Enclosures:

- Preliminary amendment, 4 pages.
- Postcard.

This application is a continuation (and claims the benefit of priority under 35 USC 120) of U.S. application serial no. 09/892,153, filed June 26, 2001. The disclosure of the prior application is considered part of (and is incorporated by reference in) the disclosure of this application.

### CERTIFICATE OF MAILING BY EXPRESS MAIL

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July 22, 2003

Date of Deposit